

PROCESS FOR THE PREPARATION OF CODEINE FROM MORPHINE;  
TRIMETHYLPHENYLAMMONIUM CHLORIDE

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Abstract:

Codeine is prepared by reacting morphine with trimethyl phenyl ammonium chloride in the presence of an alkali metal carbonate and a hydrocarbon solvent at a temperature of from 40\* to 120\* C. Codeine is recovered

from the reaction mixture. Codeine is useful as an analgesic and antitussive drug.

Exemplary Claim:

1. AN IMPROVED PROCESS FOR THE PREPARATION OF CODEINE WHICH COMPRISES REACTING MORPHINE WITH TRIMETHYL PHENYL AMMONIUM CHLORIDE IN THE PRESENCE OF AN ALKALI METAL CARBONATE AND A HYDROCARBON SOLVENT AT A TEMPERATURE OF FROM 45\* TO 120\* C. AND RECOVERING CODEINE FROM THE REACTION MIXTURE.

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